

Sheet 1 of 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								ATTY DOCKET NO. DN1999119USA	SERIAL NO.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT										
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								APPLICANT (S) Mark Guy Trowbridge		
								FILING DATE May 28, 1999	GROUP	

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number							Date	Name	Class	Sub-class	Filing Date If Appropriate
<i>BAR</i>	5	3	2	6	0	8	2	July 5, 1994	Eckelman et al	267	64.27	
	5	5	3	5	9	9	4	July 16, 1996	Carl K Safréed, Jr	267	64.27	
	4	7	3	3	8	7	6	March 29, 1988	Dale J Heider et al	280/6		
	2	9	7	7	1	3	4	March 28, 1961	J Helling	280	124	
	3	7	9	0	1	4	7	February 5, 1974	R Owen	267	65 B	
<i>BAR</i>	5	4	6	7	9	7	1	November 21, 1995	Diane M Hurtubise et al	267	220	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number							Date	Country	Class	Sub-Class	Translation YES NO
<i>BAR</i>	0	3	0	6	0	4	0	March 8, 1989	EPO	F16F	9/04	
<i>I</i>	0	1	2	3	1	7	1	October 31, 1984	EPO	F16F	9/04	
<i>I</i>	0	2	9	5	3	9	2	December 21, 1988	EPO	F16F	9/04	
<i>BAR</i>	0	5	9	0	3	1	7	April 6, 1994	EPO	F16B	21/06	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial		
		Patent Abstracts of Japan, vol 009, no 055 (M-362), 9 March 1985 & JP 59 190533 A (Sumitomo Denki Kogyo KK), 29 October 1984 abstract
EXAMINER	DATE CONSIDERED:	<i>Signature & Regs 9/29/02</i>

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and n't considered. Include copy f this form with next c mmunicati n't applicant.

Sheet 2 of 2

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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number							Date	Name	Class	Sub-class	Filing Date if Appropriate
BR	3	7	7	7	8	4	3	Dec. 11, 1973	Fair et al.	181	.5 VM	10/18/71
	4	3	4	2	2	6	4	Aug 3, 1982	Hindin et al.	105	215 C	2/28/80
	4	7	1	8	6	5	0	Jan. 12, 1988	Geno	267	64.27	6/23/86
	4	7	8	7	6	0	7	Nov. 29, 1988	Geno et al	267	64.27	9/8/87
	4	8	5	2	8	6	1	Aug. 1, 1989	Harris	267	64.27	12/29/88
	4	9	4	6	1	4	4	Aug. 7, 1990	Geno et al.	267	64.27	3/30/89
	5	2	0	3	5	8	5	Apr. 20, 1993	Pierce	280	713	7/12/91
	5	2	6	9	4	9	6	Dec. 14, 1993	Schneider	267	64.27	12/11/92
	5	3	8	2	0	0	6	Jan. 17, 1995	Arnold	267	64.27	9/29/93
BR	5	4	0	3	0	3	1	Apr. 4, 1995/	Gottschalk et al.	280	704	12/8/93
	5	4	6	4	2	4	5	Nov. 7, 1995	Vogler	280	720	8/8/94

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number							Date	Country	Class	Sub-Class	Translation YES NO

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